



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008
Code: 10601245
SAU: Freeport School Department
School: Freeport Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 6

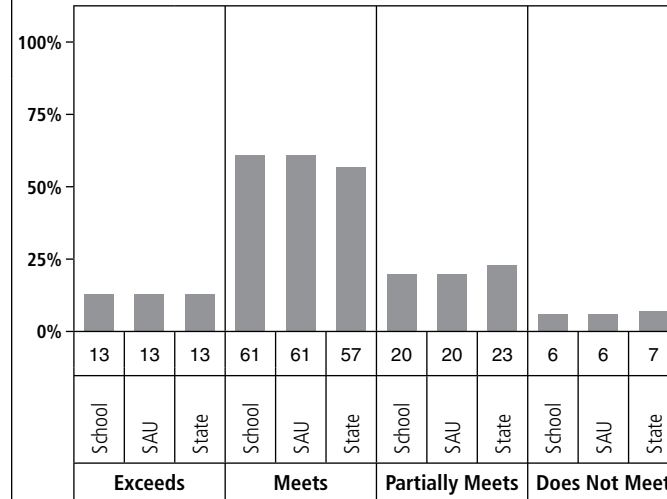
SAU: Freeport School Department

School: Freeport Middle School

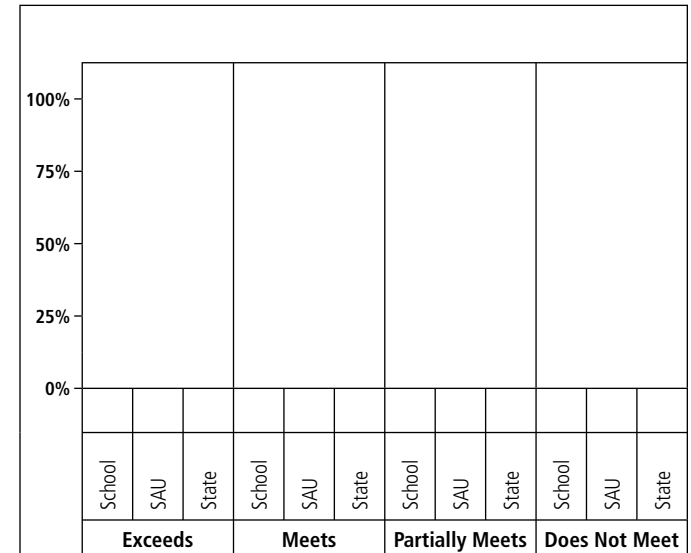
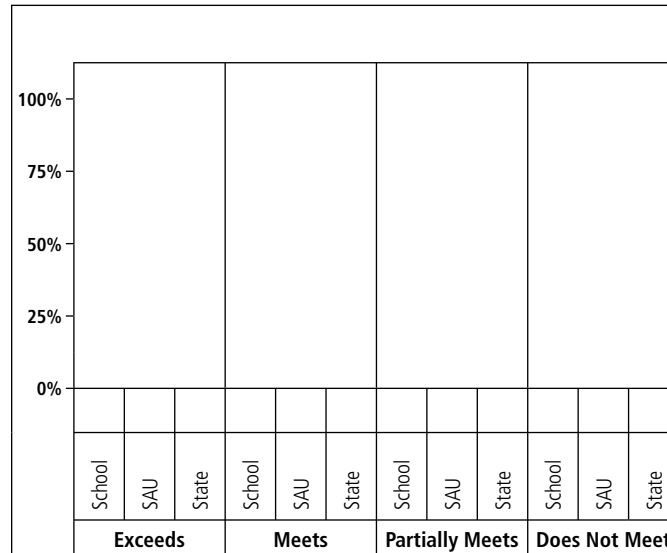
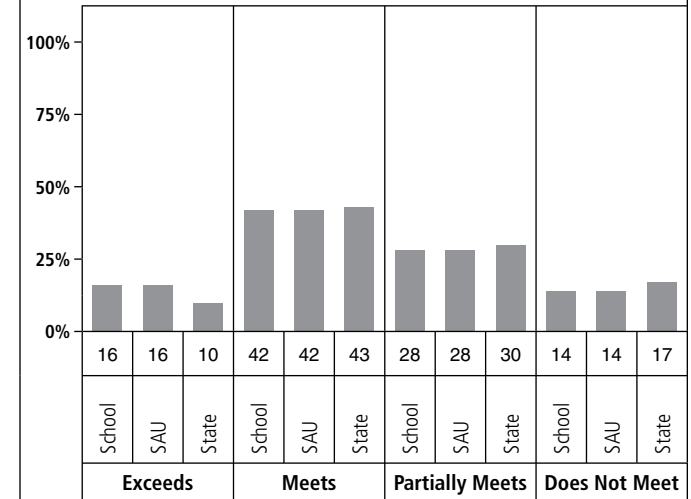
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	644	644	644
2006–2007	647	647	646
2007–2008	649	649	648
Cum. Avg. *	647	647	646
Mathematics			
2005–2006	646	646	641
2006–2007	645	645	643
2007–2008	645	645	642
Cum. Avg. *	645	645	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 6
 SAU: Freeport School Department
 School: Freeport Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	97	100	97	100	14365	100	95	98	95	98	14266	99	95	98	95	98	14268	99						
Ethnicity African American/Black	2	2	2	2	418	3	2	100	2	100	407	97	2	100	2	100	413	99						
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	110	99	0	0	0	0	110	99						
Asian or Pacific Islander	8	8	8	8	249	2	8	100	8	100	249	100	8	100	8	100	248	100						
Hispanic	0	0	0	0	149	1	0	0	0	0	147	99	0	0	0	0	147	99						
Caucasian/White	87	90	87	90	13438	94	85	98	85	98	13353	100	85	98	85	98	13350	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	9	9	9	9	2518	18	9	100	9	100	2479	99	9	100	9	100	2479	99						
Current LEP	2	2	2	2	349	2	2	100	2	100	339	97	2	100	2	100	344	99						
Economically disadvantaged	20	21	20	21	5335	37	19	95	19	95	5277	99	19	95	19	95	5279	99						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	86	89	86	89	11613	81	86	89	86	89	11626	81						
Identified disability (PET/IEP)	1	1	1	1	373	3	1	1	1	1	373	3						
LEP	2	2	2	2	187	2	2	2	2	2	187	2						
504 plan	1	1	1	1	149	1	1	1	1	1	150	1						
Participation with accommodations	9	9	9	9	2451	17	9	9	9	9	2446	17						
Identified disability (PET/IEP)	8	89	8	89	1909	78	8	89	8	89	1910	78						
LEP	0	0	0	0	142	6	0	0	0	0	152	6						
504 plan	1	11	1	11	85	3	1	11	1	11	84	3						
Other	0	0	0	0	350	14	0	0	0	0	335	14						
Participation through alternate assessment (PAAP)	0	0	0	0	197	1	0	0	0	0	196	1						
Identified disability (PET/IEP)	0	0	0	0	197	100	0	0	0	0	196	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0						
Non-participation – other	2	2	2	2	75	1	2	2	2	2	73	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 6
SAU: Freeport School Department
School: Freeport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	5	6	5	6	1176	8
	2006-2007	5	6	5	6	1132	8
	2007-2008	12	13	12	13	1817	13
	Cum. Total*	22	8	22	8	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	49	55	49	55	7612	51
	2006-2007	49	63	49	63	8127	57
	2007-2008	58	61	58	61	8072	57
	Cum. Total*	156	60	156	60	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	23	26	23	26	4080	27
	2006-2007	17	22	17	22	3549	25
	2007-2008	19	20	19	20	3194	23
	Cum. Total*	59	23	59	23	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	12	13	12	13	2005	13
	2006-2007	7	9	7	9	1478	10
	2007-2008	6	6	6	6	981	7
	Cum. Total*	25	10	25	10	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	33.3	59.5	33.3	59.5	32.7	58.4
Literary Text	28	50	16.5	58.9	16.5	58.9	16.3	58.2
Informational Text	28	50	16.8	60.0	16.8	60.0	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Freeport School Department
 School: Freeport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	95	12	13	58	61	19	20	6	6	649	95	13	61	20	6	649	14064	13	57	23	7	648
Ethnicity																						
African American/Black	2										2						399	7	47	28	17	642
American Indian or Native Alaskan	0										0						108	4	54	32	10	643
Asian or Pacific Islander	8	0	0	7	88	1	13	0	0	650	8	0	88	13	0	650	247	16	60	20	4	650
Hispanic	0										0						145	8	45	34	14	643
Caucasian/White	85	12	14	50	59	18	21	5	6	649	85	14	59	21	6	649	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	3	33	4	44	2	22	638	9	0	33	44	22	638	2282	2	29	42	27	636
No	86	12	14	55	64	15	17	4	5	650	86	14	64	17	5	650	11782	15	63	19	3	650
Current LEP																						
Yes	2										2						329	4	44	30	22	640
No	93	12	13	56	60	19	20	6	6	649	93	13	60	20	6	649	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	19	1	5	7	37	10	53	1	5	643	19	5	37	53	5	643	5153	6	51	31	12	643
No	76	11	14	51	67	9	12	5	7	650	76	14	67	12	7	650	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	95	12	13	58	61	19	20	6	6	649	95	13	61	20	6	649	14057	13	57	23	7	648
Gender																						
Female	46	9	20	28	61	9	20	0	0	652	46	20	61	20	0	652	6967	16	59	20	5	650
Male	49	3	6	30	61	10	20	6	12	645	49	6	61	20	12	645	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1186	6	41	42	11	642
No	95	12	13	58	61	19	20	6	6	649	95	13	61	20	6	649	12878	14	59	21	7	648
Gifted/talented program																						
Yes	0										0						557	50	48	2	0	661
No	95	12	13	58	61	19	20	6	6	649	95	13	61	20	6	649	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 6
SAU: Freeport School Department
School: Freeport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	1 44 48 6	0 6 5 1	0 15 11 17	1 23 28 4	100 56 62 67	0 8 10 1	0 20 22 17	0 4 2 0	0 10 4 0	646 648 648 658	1 44 48 6	0 15 11 17	100 56 62 67	0 20 22 17	0 10 4 0	646 648 648 658	6 56 34 3	7 13 15 9	43 58 60 46	30 23 20 29	20 6 5 16	641 648 649 643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	28 52 13 8	3 8 0 1	12 17 0 14	21 28 5 2	81 58 42 29	2 8 5 4	8 17 42 57	0 4 2 0	0 8 17 0	651 650 641 645	28 52 13 8	12 17 0 14	81 58 42 29	8 17 42 57	0 8 17 0	651 650 641 645	40 48 9 3	17 12 7 3	60 59 45 31	19 23 34 37	5 6 15 29	650 648 643 637
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	34 43 19 3	5 7 0 0	16 18 0 0	23 27 6 0	72 68 33 0	4 4 9 2	13 10 50 67	0 2 3 1	0 5 17 33	653 651 639 635	34 43 19 3	16 18 0 0	72 68 33 67	13 10 50 67	0 5 17 33	653 651 639 635	28 54 16 2	26 9 3 1	58 61 48 37	11 24 37 39	4 6 13 23	653 647 642 637
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	20 57 23	2 5 4	11 10 19	8 33 13	44 65 62	5 11 3	28 22 14	3 2 1	17 4 5	646 648 652	20 57 23	11 10 19	44 65 62	28 22 14	17 4 5	646 648 652	15 66 18	10 13 15	48 59 58	27 22 20	15 5 7	644 649 649
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	11 44 45	1 1 9	10 3 23	2 24 27	20 62 68	4 11 4	40 28 10	3 3 0	30 8 0	640 645 654	11 44 45	10 3 23	20 62 68	40 28 10	30 8 0	640 645 654	9 54 36	2 9 21	37 59 60	37 26 15	23 6 4	638 647 652
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	30 64 7	2 9 0	7 16 0	16 36 3	59 62 50	8 9 2	30 16 33	1 4 1	4 7 17	646 650 641	30 64 7	7 16 0	59 62 50	30 16 33	4 7 17	646 650 641	46 50 3	13 14 5	56 60 46	24 21 30	7 6 20	648 649 641
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	27 62 3 8	3 9 0 0	12 16 0 0	17 37 1 14	68 65 33 14	3 9 2 5	12 16 67 71	2 2 0 1	8 4 0 14	652 650 639 637	27 62 3 8	12 16 0 0	68 65 33 71	12 16 67 71	8 4 0 14	652 650 639 637	19 51 12 18	19 15 9 4	58 60 56 50	17 20 26 34	6 5 9 13	651 649 646 643
Optional school/SAU question A. B. C. D.	25 25 50 0	0 0 0 0	0 0 0 0	0 1 1 0	0 100 50 0	1 0 1 0	100 0 50 0	0 0 0 0	0 0 0 0	634 656 650 0	25 25 50 0	0 0 0 0	0 100 50 0	100 0 50 0	0 0 0 0	634 656 650 0						

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 6
SAU: Freeport School Department
School: Freeport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	17	19	17	19	1463	10
	2006-2007	13	17	13	17	2092	15
	2007-2008	15	16	15	16	1474	10
	Cum. Total*	45	17	45	17	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	38	43	38	43	5914	40
	2006-2007	38	49	38	49	5731	40
	2007-2008	40	42	40	42	6008	43
	Cum. Total*	116	44	116	44	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	22	25	22	25	4494	30
	2006-2007	13	17	13	17	4175	29
	2007-2008	27	28	27	28	4244	30
	Cum. Total*	62	24	62	24	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	12	13	12	13	3014	20
	2006-2007	14	18	14	18	2308	16
	2007-2008	13	14	13	14	2346	17
	Cum. Total*	39	15	39	15	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	10.5	55.3	10.5	55.3	9.6	50.5
Cluster 2: Shape and Size	15	27	9.0	60.0	9.0	60.0	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	4.1	58.6	4.1	58.6	4.2	60.0
Cluster 4: Patterns	15	27	7.9	52.7	7.9	52.7	7.5	50.0

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Freeport School Department
 School: Freeport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	95	15	16	40	42	27	28	13	14	645	95	16	42	28	14	645	14072	10	43	30	17	642
Ethnicity																						
African American/Black	2										2						409	4	26	35	35	632
American Indian or Native Alaskan	0										0						108	6	26	39	29	635
Asian or Pacific Islander	8	0	0	4	50	4	50	0	0	644	8	0	50	50	0	644	247	13	50	25	13	646
Hispanic	0										0						145	9	32	34	25	638
Caucasian/White	85	15	18	36	42	22	26	12	14	646	85	18	42	26	14	646	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	1	11	3	33	5	56	627	9	0	11	33	56	627	2283	2	18	31	49	627
No	86	15	17	39	45	24	28	8	9	647	86	17	45	28	9	647	11789	12	48	30	10	645
Current LEP																						
Yes	2										2						339	5	22	32	41	631
No	93	15	16	40	43	25	27	13	14	646	93	16	43	27	14	646	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	19	1	5	5	26	6	32	7	37	636	19	5	26	32	37	636	5160	4	34	36	26	636
No	76	14	18	35	46	21	28	6	8	648	76	18	46	28	8	648	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	95	15	16	40	42	27	28	13	14	645	95	16	42	28	14	645	14065	10	43	30	17	642
Gender																						
Female	46	7	15	22	48	13	28	4	9	647	46	15	48	28	9	647	6974	10	43	31	16	642
Male	49	8	16	18	37	14	29	9	18	644	49	16	37	29	18	644	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1192	4	23	43	30	634
No	95	15	16	40	42	27	28	13	14	645	95	16	42	28	14	645	12880	11	44	29	15	643
Gifted/talented program																						
Yes	0										0						557	53	42	4	0	663
No	95	15	16	40	42	27	28	13	14	645	95	16	42	28	14	645	13515	9	43	31	17	641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 6
 SAU: Freeport School Department
 School: Freeport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	1	0	0	0	0	1	100	0	0	638	1	0	0	100	0	638	6	6	33	31	31	635
B. less than one hour	44	8	20	13	32	12	29	8	20	644	44	20	32	29	20	644	56	11	43	30	16	643
C. one to two hours	48	6	13	20	44	14	31	5	11	646	48	13	44	31	11	646	34	11	45	30	14	644
D. more than two hours	6	1	17	5	83	0	0	0	0	657	6	17	83	0	0	657	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	43	9	23	17	43	11	28	3	8	651	43	23	43	28	8	651	45	14	47	28	11	646
B. They match some of what I have learned.	42	5	13	19	49	12	31	3	8	645	42	13	49	31	8	645	43	8	43	33	17	641
C. They match just a little of what I have learned.	9	0	0	2	25	3	38	3	38	628	9	0	25	38	38	628	9	6	30	33	32	635
D. There is no match.	5	1	20	0	0	1	20	3	60	636	5	20	0	20	60	636	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	32	12	41	12	41	2	7	3	10	657	32	41	41	7	10	657	29	24	51	17	8	651
B. good	37	3	9	20	59	8	24	3	9	647	37	9	59	24	9	647	48	6	45	33	16	641
C. fair	24	0	0	4	18	14	64	4	18	633	24	0	18	64	18	633	19	1	29	42	28	634
D. poor	7	0	0	1	17	3	50	2	33	630	7	0	17	50	33	630	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	28	1	4	8	32	8	32	8	32	636	28	4	32	32	32	636	24	5	38	33	24	638
B. about the same as my regular schoolwork	51	5	11	20	44	16	36	4	9	644	51	11	44	36	9	644	62	9	45	31	14	643
C. easier than my regular schoolwork	21	7	37	9	47	3	16	0	0	660	21	37	47	16	0	660	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	43	2	5	14	37	13	34	9	24	639	43	5	37	34	24	639	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	51	10	22	23	51	9	20	3	7	651	51	22	51	20	7	651	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	7	1	17	0	0	5	83	0	0	641	7	17	0	83	0	641	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	14	1	8	3	23	7	54	2	15	638	14	8	23	54	15	638	17	8	39	30	22	639
B. two or three days a week	29	2	8	10	38	10	38	4	15	644	29	8	38	38	15	644	34	11	44	31	14	643
C. two or three times each month	32	8	28	14	48	5	17	2	7	650	32	28	48	17	7	650	31	12	44	29	15	644
D. never or almost never	25	4	17	10	43	5	22	4	17	647	25	17	43	22	17	647	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	3	0	0	1	33	1	33	1	33	633	3	0	33	33	33	633	11	11	37	29	23	641
B. two or three days a week	24	0	0	10	45	9	41	3	14	641	24	0	45	41	14	641	32	11	44	30	15	643
C. two or three times each month	40	9	24	12	32	13	35	3	8	648	40	24	32	35	8	648	32	11	45	30	15	643
D. never or almost never	33	6	20	15	50	4	13	5	17	648	33	20	50	13	17	648	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	4	1	25	0	0	3	75	0	0	641	4	25	0	75	0	641	7	6	29	33	32	635
B. 30–45 minutes	20	3	17	5	28	4	22	6	33	640	20	17	28	22	33	640	37	8	39	34	20	640
C. 45–60 minutes	61	11	20	27	50	12	22	4	7	649	61	20	50	22	7	649	42	13	47	28	12	645
D. more than 60 minutes	15	0	0	3	23	8	62	2	15	638	15	0	23	62	15	638	15	12	46	27	15	644
Optional school/SAU question																						
A.	25	0	0	0	0	0	0	1	100	622	25	0	0	0	100	622						
B.	25	1	100	0	0	0	0	0	0	666	25	100	0	0	0	666						
C.	50	0	0	1	50	1	50	0	0	648	50	0	50	50	0	648						
D.	0										0											